

MINING APPLICATION  
NO. \_\_\_\_\_

Date \_\_\_\_\_

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116



MINING AND RECLAMATION PLAN

(Other forms may be used in lieu of MR 2, provided they contain the same information)

1. Name of Applicant or Company Jerry Stocks on Behalf Birch-Stocks
2. Proposed type of operation underground
3. (a) Prior Land Use(s) mining - Grazing  
(b) Current Land Use(s) mining  
(c) Possible or Prospective Future Land Use(s) mining - Grazing
4. What vegetation exists on the land proposed to be affected Cedar, some  
pinion- sparse undergrowth  
(a) Types and Estimated Percent cover or density: Ephedra, galleta grass,  
Broom snakeweed, rabbitbrush, associated forbs, grasses. < 5%
5. What is the pH range of soil before mining? \_\_\_\_\_ pH  
Name of Person or Agency and method of determining pH Div. Oil, Gas,  
Mining & Utah State Univ. Soil Testing Lab
6. Site elevation above sea level 5700 ft
7. In case of coal, oil shale, and bituminous sandstone:  
Principal seam(s) and thickness(es) \_\_\_\_\_
8. Estimated duration of mining operations 3 months
9. Has overburden, waste or rejected materials been classified as acid or alkali producing? ( ) Yes (✓) No  
Does the above material being moved have any other characteristics affecting revegetation? NO
10. Will any underground workings or aquifers be encountered? ( ) Yes (✓) No  
Describe \_\_\_\_\_  
Is there an active discharge of water from abandoned deep mines on or crossing the land affected? ( ) Yes (✓) No If yes, describe the quality of water being discharged. \_\_\_\_\_



11. Describe specifically a detailed procedure for:
- The mining sequence
  - The procedure for constructing and maintaining access roads, to include a typical cross-section and a profile of the proposed road grades.
  - The procedure for site preparation including removing trees and brush.
  - The method for removing and stockpiling topsoil or disturbed materials.
  - The method for the placement or containment of all disturbed materials, to include the method for handling of all acid or alkali-producing and toxic materials.
  - A procedure for final stabilization of disturbed materials.

GRADING AND REGRADING

Specifically describe:

- Typical cross-section of regrading.
- The method of spreading topsoil or upper horizon material on the regraded area and indicate the approximate thickness of the final surfacing material.
- What type of soil treatment will be utilized.
- The method of drainage control for the final regraded area.
- Maximum grading slope.

TESTING

1. Describe method for testing stability of reclamation fill material.

N/A

Describe method for the testing of soil that is intended to support vegetation

U.S.U. Soil Test Lab - Std Fertility Test

2. Describe any soil treatment employed as an aid to revegetation

scarify and Fertilize

3. Describe surface preparation of areas intended to support vegetation:

Regrade - Scarify - Fertilize - Replant

REVEGETATION

1. Revegetation to be completed by:

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> Operator        | <input type="checkbox"/> Hydroseeding                    |
| <input type="checkbox"/> Soil Conservation District | <input type="checkbox"/> Aerial Seeding                  |
| <input type="checkbox"/> Private Contractor         | <input type="checkbox"/> Conventional or Rangeland Drill |
| <input type="checkbox"/> Other (specify) _____      | <input checked="" type="checkbox"/> Broadcast and Drag   |
|   | <input type="checkbox"/> Other _____                     |





2. Will Mulch be used? ( ) Yes (✓) No  
Type: \_\_\_\_\_ Rate/Acre \_\_\_\_\_

3. Revegetation Plan and Schedule - *Div. Oil, Gas, Mining will supply*

Species	Rate/ Acre	Planting Location	Facing N-S-E-W	Season to be replanted

4. Will affected area be subject to livestock or wildlife grazing?  
(✓) Yes ( ) No Will vegetation protection be needed? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5. Will irrigation be used: ( ) Yes (✓) No Type \_\_\_\_\_

6. Describe maintenance procedures for revegetation if needed, until surety release is granted.  
*Replant- Re seed*  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



STATE OF Utah

COUNTY OF Grand

I, Jerry Sloots, having been duly sworn  
depose and attest that all of the representations contained in the foregoing  
application are true to the best of my knowledge; that I am authorized to  
complete and file this application on behalf of the Applicant and this  
application has been executed as required by law.

Signed: Jerry Sloots

Taken, subscribed and sworn to before me the undersigned authority  
in my said county, this 24<sup>th</sup> day of March, 1978.

Notary Public: L. Carmer Fursell

My Commission Expires: July 13, 1981.

PLEASE NOTE:

Section 40-8-13(2) of the Mined Land Reclamation Act provides as  
follows:

"Information relating to the location, size, or nature  
of the deposit and marked confidential by the operator,  
shall be protected as confidential information by the  
Board and the Division and not be a matter of public  
record in the absence of a written release from the  
operator, or until the mining operation has been  
terminated as provided in subsection (2) of section  
40-8-21."

Is confidential information contained herein?

YES \_\_\_\_\_ (Initial)

NO ✓ \_\_\_\_\_ (Initial)

Sections desired to be maintained as confidential information -

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



Attachment  
Mining-Reclamation plan

Received Mar. 8, 1978  
SEC. 11 Form MR 2

11. A. mining sequence

moving into old existing underground workings.  
surface disturbance is slight, mostly consisting of  
expanding an old mine dump. duration of three months.

B. Access roads: These roads, if they can be called  
roads have been in existence for many years, we  
have no plans to grade them or disturb them  
other than just drive over them, in the short  
time we plan to be there.

C. site preparation: minimal or slight. the use  
of old workings make this possible.

D. method for removing etc.: underground. surface  
disturbance is slight, consisting of dumping waste  
materials on an old mine dump. dump expansion  
is slight.

E. placement, containment of disturbed materials:  
using old dump, no apparent problem, with alkali and  
toxic materials. Regrade, scarify, Fertilize, Replant.

F. procedure for stabilization: Regrade-Scarify-Fertilize-  
Replant. I plan on putting a gate on portal, if necessary a small  
rock berm on edge of portal approach.

Grading AND Regrading

specifically describe

(A) (B) (C) (d) (e) N/A